

Query Match:	2.58;	Score	25.4;	DB	6;	Length	39;
Local Similarity	96.3%;	Prod	No	86,04.			
Matches	26;	Conservative	0;	Mismatches	1.	Models	0

misc_feature 1..24 /note="Reverse primer for human STS sts-sc1697 at 1p36. STS-sc1697 obtained from clones R8422, R4714, R4432, B12433, R2982 and R82016, Human PAC Library RPEC-11".

nucleotide sequences having internal ribosome binding sites
Patent: US 5973677-A 16 26-0CT-1999;

JOURNAL
FEATURES

Location/Qualifiers
1..22
/organism="unknown"

BASE COUNT 7 a 1 c 9 g 5 t
ORIGIN

Query Match 2.2%; Score 22; DB 6; Length 22;
Best Local Similarity 100.0%; Pred. No. 6.7e+05;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 522 ATACTTCCCAACATGCTCTGC 543

Db 22 ATACTTCCCAACATGCTCTGC 1

RESULT 11

ARI98376 LOCUS ARI98376 22 bp DNA Linear PAT 20-APR-2002

DEFINITION Sequence 13 from patent US 6352849.

ACCESSION ARI98376

VERSION ARI98376.1 GI:20248225

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 22)

AUTHORS Tischfield,J.A. and Seilhamer,J.J.

TITLE Mammalian phospholipase A2 nucleotide sequences, low molecular weight amino acid sequences encoded thereby, antisense sequences and nucleotide sequences having internal ribosome binding sites

JOURNAL Patent: US 6352849-A 13 05-MAR-2002;

FEATURES Location/Qualifiers

1..22

/organism="unknown"

BASE COUNT 1 a 5 c 7 g 9 t

ORIGIN

Query Match 2.2%; Score 22; DB 6; Length 22;
Best Local Similarity 100.0%; Pred. No. 6.7e+05;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 151 CTGGCTGCTTCTCGCTGTGA 172

Db 1 CTGGCTGCTTCTCGCTGTGA 22

RESULT 12

ARI98377 LOCUS ARI98377 22 bp DNA Linear PAT 20-APR-2002

DEFINITION Sequence 14 from patent US 6352849.

ACCESSION ARI98377

VERSION ARI98377.1 GI:20248226

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 22)

AUTHORS Tischfield,J.A. and Seilhamer,J.J.

TITLE Mammalian phospholipase A2 nucleotide sequences, low molecular weight amino acid sequences encoded thereby, antisense sequences and nucleotide sequences having internal ribosome binding sites

JOURNAL Patent: US 6352849-A 13 05-MAR-2002;

FEATURES Location/Qualifiers

1..22

/organism="unknown"

BASE COUNT 5 a 5 c 8 g 4 t

ORIGIN

Query Match 2.2%; Score 22; DB 6; Length 22;
Best Local Similarity 100.0%; Pred. No. 6.7e+05;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 146 GCAAGGAGGCTTCTGACCTTA 207

Db 1 GCAAGGAGGCTTCTGACCTTA 22

RESULT 13

ARI98378/c

LOCUS ARI98378

DEFINITION Sequence 15 from patent US 6352849.

ACCESSION ARI98378

VERSION ARI98378.1 GI:20248227

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 22)

AUTHORS Tischfield,J.A. and Seilhamer,J.J.

TITLE Mammalian phospholipase A2 nucleotide sequences, low molecular weight amino acid sequences encoded thereby, antisense sequences and nucleotide sequences having internal ribosome binding sites

JOURNAL Patent: US 6352849-A 15 05-MAR-2002;

FEATURES Location/Qualifiers

1..22

/organism="unknown"

BASE COUNT 2 a 5 c 8 g 7 t

ORIGIN

Query Match 2.2%; Score 22; DB 6; Length 22;

Best Local Similarity 100.0%; Pred. No. 6.7e+05;

Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 204 AACCCCAAGGATGCGACGAT 315

Db 22 AACCCCAAGGATGCGACGAT 1

RESULT 14

ARI98379/c

LOCUS ARI98379

DEFINITION Sequence 16 from patent US 6352849.

ACCESSION ARI98379

VERSION ARI98379.1 GI:20248228

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 22)

AUTHORS Tischfield,J.A. and Seilhamer,J.J.

TITLE Mammalian phospholipase A2 nucleotide sequences, low molecular weight amino acid sequences encoded thereby, antisense sequences and nucleotide sequences having internal ribosome binding sites

JOURNAL Patent: US 6352849-A 15 05-MAR-2002;

FEATURES Location/Qualifiers

1..22

/organism="unknown"

BASE COUNT 7 a 1 c 9 g 5 t

ORIGIN

Query Match 2.2%; Score 22; DB 6; Length 22;

Best Local Similarity 100.0%; Pred. No. 6.7e+05;

Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 522 ATACTTCCCAACATGCTCTGC 543

Db 22 ATACTTCCCAACATGCTCTGC 1

RESULT 15

AX441046

LOCUS AX441046

DEFINITION Sequence 72 from Patent WO20040664.

ACCESSION AX441046

Linear

DNA

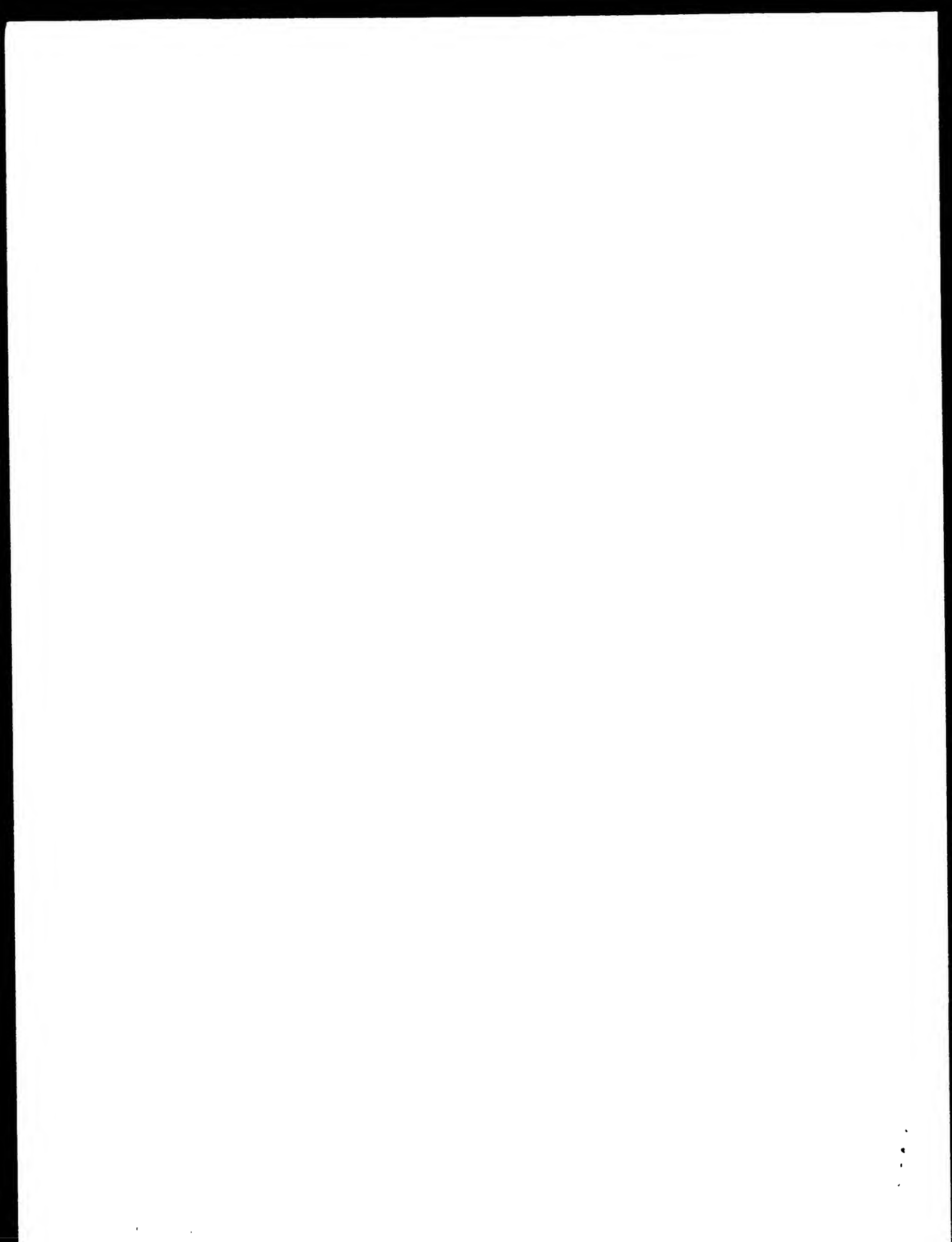
PAT 28-JUN-2002

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VERSION      AX41046.1  GI:21665662
KEYWORDS
SOURCE
ORGANISM      human.
              Homo sapiens
              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE     1
AUTHORS      von Knebel Doeberitz, M., Bork, P., Yuan, Y.P., Gehert, J., Woerner, S.
              and Linnebacher, M.
TITLE        Genes and their genetic products pertinent to microsatellite
              unstable (msi+) tumours
JOURNAL      Patent: WO 0201664 A 72 17 JAN 2002;
              Von Knebel Doeberitz, Magnus (DE)
FEATURES
SOURCE       1..48
              Location/Qualifiers
              /organism="Homo sapiens"
              /db_xref="taxon:9606"
BASE COUNT   3 a 27 c 6 g 12 t
ORIGIN
Query Match      2.1%; Score 21.6; DB 6; Length 48,
Best Local Similarity 68.2%; Pred. No. 8.7e-05;
Matches 30; Conservative 0; Mismatches 14; Indels 0; Gaps 0;
QY 534 CATCTCTGCTGCTAGGCTTCGCGAGGAGTCTCTCCAGACCA 577
      ||| ||||| || || ||||| || || || |||
Db 5 CCTCCCTGTCTCCAGGCGCGGCGACGCTGTCTTGGCTTCGCA 48

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Search completed: March 4, 2003, 01:50:05
 Job time : 3013 secs



(INDV) UNIV INDIANA FOUND.

Sellhammer JJ, Tischfield JA;
WP1; 1995-067096/09.

Novel type III and IV low mol. wt. phospholipase A2 enzymes from humans and rats, also nucleic acid sequences useful, e.g. for recombinant prodn. of enzymes, research into Batten's disease, etc.

Example 1; Page 43; 160pp; English.

A human PLA2-encoding cDNA (AA081138) expressing a novel type IV PLA2, HPLA2-10, was isolated from human brain RNA by RACE-PCR using the primers given in AA081140-47. Primer H10-A was used for 3' RACE-RT PCR.

Sequence 22 BP; 1 A; 5 C; 7 G; 9 T; 0 other;

Query Match 2.2%, Score 22; E: 1e-14, Length 22;
Best Local Similarity 100.0%; Pred. No. 7e+03;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Caps 0;

QY 151 CTGGCTTGGTCTCGCTTGTA 172
|||||
DB 1 CTGGCTTGGTCTCGCTTGTA 22

RESULT 7

AA081141

ID AA081141 standard; cDNA; 22 BP.

AC AA081141:

15-AUG-1995 (first entry)

XX HPLA2-10 gene primer H10-1.

XX HPLA2-10; phospholipase A2; PLA2; Batten disease;
KW neuronal ceroid lipofuscinosis; gene therapy; primer; PCR;
KW polymerase chain reaction; RACE; ss.
XX Synthetic.

XX W09502328-A.

XX 26-JAN-1995.

XX 15-JUL-1994; 94W0-0507926.

XX 15-JUL-1994; 93US-0091941.

XX 26-JUL-1994; 93US-0097354.

XX (INCY-) INCYTE PHARM INC.
PA (INDV) UNIV INDIANA FOUND.

XX Sellhammer JJ, Tischfield JA;
XX WP1; 1995-067096/09.

XX Novel type III and IV low mol. wt. phospholipase A2 enzymes from humans and rats, also nucleic acid sequences useful, e.g. for recombinant prodn. of enzymes, research into Batten's disease, etc.

XX Example 1; Page 43; 160pp; English.

XX A human PLA2-encoding cDNA (AA081138) expressing a novel type IV PLA2, HPLA2-10, was isolated from human brain RNA by RACE-PCR using the primers given in AA081140-47. Primer H10-1 was used for 3' RACE-RT PCR.

Kollenbergeter JL, Leadlay PF, Stutzman-Enqvall KJ; McArthur HAL; WPI, 2000-182117/16.

Mutated Type 1 polyketide synthase containing a polylinker site in an extension module for replacement of a reductive loop sequence, for producing polyketides, e.g. Bl avermectin -

Example 33; Page 51; 75pp; English.

The present sequence is that of a primer used in the PCR amplification of a 2.4 kb fragment of the avermectin polyketide synthase (PKS) gene of *Streptomyces avermitilis* encoding the reductive loop of module 2. The PCR product was used in the construction of plasmid pIC69, an intermediate in the construction of plasmid pUK31. The latter was used to transform *Streptomyces erythraea* for the production of triketides. The invention relates to nucleic acids encoding Type 1 PKS in which a polylinker with multiple restriction sites replaces 1 or more PKS genes encoding enzymes associated with reduction. Methods for producing novel polyketides useful as antibiotics or insecticides are provided.

Sequence 42 RP: 10 A; 22 C; 2 G; 8 T; 0 other;

Query	Match	2.1%	Score 21.2	DB 21	Length 42
Best local similarity	69.0%				
Matches	29	Conservative	0	Mismatches	13
				Indels	0
				Gaps	0

RESULT 12
 ABL43299
 ID# ABL43299 standard; DNA: 20 BP.
 XX
 AC ABL43299;
 XX
 DF 11-APR-2002 (first entry)

XX Human chromosome 1p36-35 PCR primer SEQ ID NO: 443
 DE
 XX Human: chromosome 1p36-35; chromosome 21q22.1; genetic analysis:
 KW genome; PCR primer; ss.
 XX
 XX Homo sapiens.
 US
 XX JP2001421190-A.
 PN

PD 20-NOV-2001, XX
 PD 12-MAR-2001; 2001TP-00662RS, XX
 XX 10-MAR-2000; 2000JP-0066716, XX
 XX (KIKI; KIKAGAKU KENKYUSHO, XX
 PA (GUNO-) GENOTEX YC, FA

DR
XX
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PT
XX
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PS
XX
XX

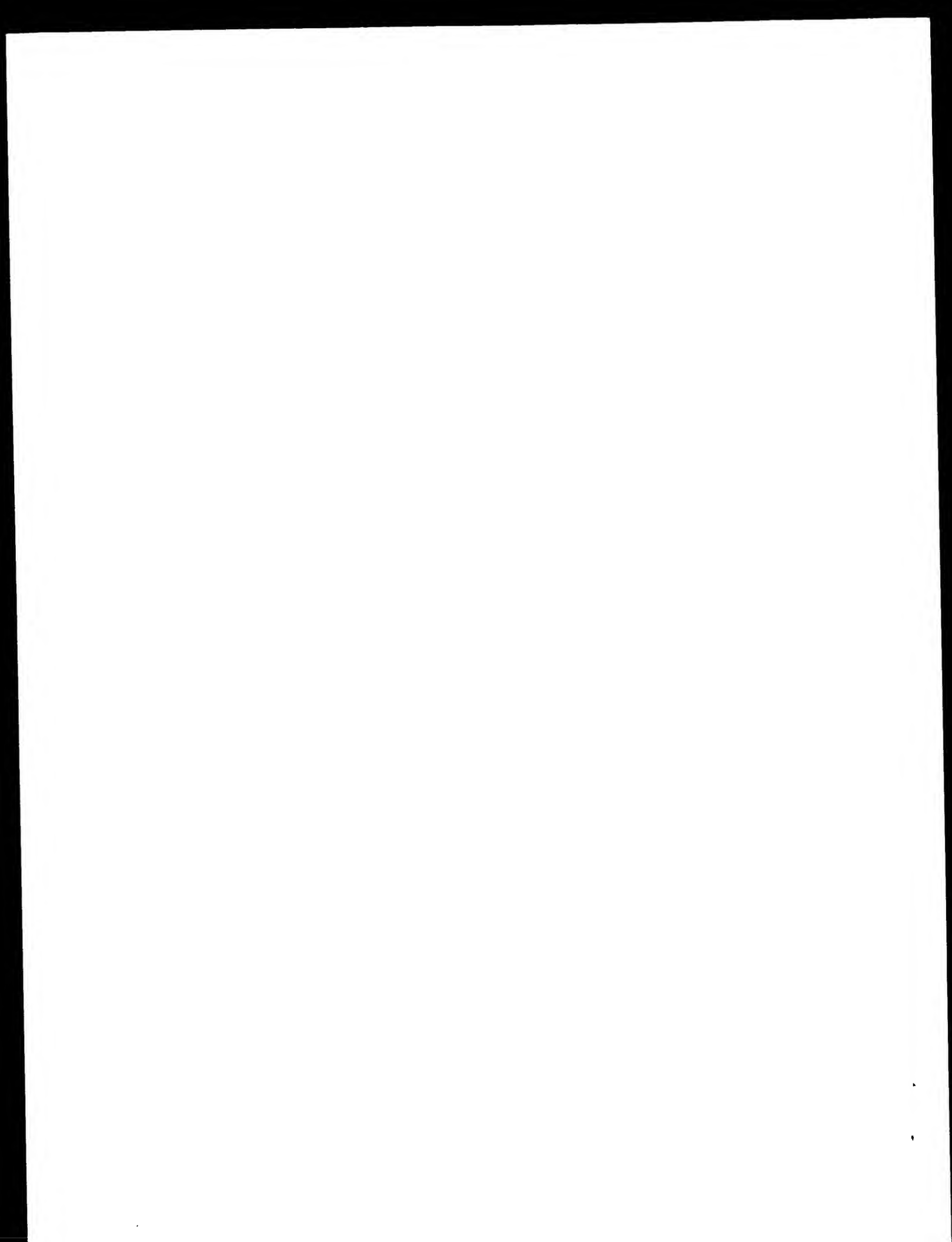
wPI; 2002-144136,719

Arraying genome clones -

Claim 4; Page 11; 528pp; Japanese.

The present invention describes a method of arraying genome clones. The method comprises: (a) clones of the genomic libraries contained in the

CC multiwell plates; (b) a primer designed based on the chromosomal marker
CC sequence is added to the mixture to carry out an amplification reaction;
CC (c) a signal corresponding to the marker is detected from the resultant
CC amplified product to specify the discrimination Nos. of the multiwell



us-10-016-149-3.lim50.rni

Thu Mar 6 09:58:00 2003

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Query Match      3.2%; Score 33; DB 2; Length 44;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 127 CCAGAGATGAAGGCTCTCCGCTGCTGG 159
      |||||
Db 12 CCAGAGATGAAGGCTCTCCGCTGCTGG 44

RESULT 2
US 09 362-240-17
Sequence 17, Application US/99462240
Patent No. 6452849
GENERAL INFORMATION:
APPLICANT: Tischfield, Jay A.
APPLICANT: Seilhamer, Jeffrey J.
TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide
TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
ADDRESS: Russell PA
STREET: 200 East Broward Boulevard
CITY: Fort Lauderdale
STATE: FL
COUNTRY: USA
ZIP: 33301
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/07926
FILING DATE: 15-JUL-1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/097,354
FILING DATE: 26-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Maus, Peter J.
REGISTRATION NUMBER: 32,264
REFERENCE/DOCKET NUMBER: IN21044-5
TELECOMMUNICATION INFORMATION:
TELEPHONE: 305-527-2498
TELEFAX: 305-764-4996
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 44 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
PCT-US94-07926-17

Query Match      3.2%; Score 33; DB 4; Length 44;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 127 CCAGAGATGAAGGCTCTCCGCTGCTGG 159
      |||||
Db 12 CCAGAGATGAAGGCTCTCCGCTGCTGG 44

RESULT 3
PCT-US94-07926-17
Sequence 17, Application PCT/US9407926
GENERAL INFORMATION:
APPLICANT: Tischfield, Jay A.

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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC DOS 5.0
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/888,497
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/651,405
FILING DATE:
APPLICATION NUMBER: US 08/097,354
FILING DATE: 26-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Manso, Peter J.
REGISTRATION NUMBER: 32,264
REFERENCE/POSIT NUMBER: IN21044-5
TELEPHONE: 305-527-2498
TELEFAX: 305-764-4996
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 39 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-888-497-18

Query Match 2.5% Score 25.4; DB 2; Length 39;
Best Local Similarity 96.7% Pred. No. 75;
Matches 26, Conservative 0, Mismatches 1, Indels 0, Gaps 0;

QY 526 TTTCGCAACATCCTGCTGCTAGGCG 552
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DB 39 TTTCGCAACATCCTGCTGCTAGGCG 13

RESULT 5
US-09-462-340-18/c
Sequence 18, Application US/09362240
Patent No. 6452649
GENERAL INFORMATION:
APPLICANT: Tischfield, Jay A.
TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide
TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
ADDRESS: Russell PA
STREET: 200 East Broward Boulevard
CITY: Fort Lauderdale
STATE: FL
COUNTRY: USA
ZIP: 33301
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/462,240
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/888,497
FILING DATE:
APPLICATION NUMBER: US 08/097,354
FILING DATE: 26-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Manso, Peter J.

REGISTRATION NUMBER: 32,264
REFERENCE/POSIT NUMBER: IN21044-5
TELEPHONE: 305-527-2498
TELEFAX: 305-764-4996
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 39 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US 09-462-340-18

Query Match 2.5% Score 25.4; DB 4; Length 39;
Best Local Similarity 96.7% Pred. No. 75;
Matches 26, Conservative 0, Mismatches 1, Indels 0, Gaps 0;

QY 526 TTTCGCAACATCCTGCTGCTAGGCG 552
|||||
DB 39 TTTCGCAACATCCTGCTGCTAGGCG 13

RESULT 6
PCT-US94-07926-18/c
Sequence 18, Application IC/TUS9407926
GENERAL INFORMATION:

APPLICANT: Tischfield, Jay A.
TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide
TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
ADDRESS: Russell PA
STREET: 200 East Broward Boulevard
CITY: Fort Lauderdale
STATE: FL
COUNTRY: USA
ZIP: 33301
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/07926
FILING DATE: 15-JUL-1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/097,354
FILING DATE: 26-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Manso, Peter J.
REGISTRATION NUMBER: 32,264
REFERENCE/POSIT NUMBER: IN21044-5
TELEPHONE: 305-527-2498
TELEFAX: 305-764-4996
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 39 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
PCT-US94-07926-18

Query Match 2.5% Score 25.4; DB 5; Length 39;
Best Local Similarity 96.7% Pred. No. 75;
Matches 26, Conservative 0, Mismatches 1, Indels 0, Gaps 0;

Thu Mar 6 09:58:00 2003

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;
; TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
; TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide
; TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
; ADDRESSEE: Russell PA
; STREET: 200 East Broward Boulevard
; CITY: Fort Lauderdale
; STATE: FL
; COUNTRY: USA
; ZIP: 33301
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/888,497
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/651,405
; FILING DATE:
; APPLICATION NUMBER: US 08/097,354
; FILING DATE: 26-JUL-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Manso, Peter J.
; REGISTRATION NUMBER: 32,264
; REFERENCE/DOCKET NUMBER: IN21044-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 305-527-2498
; TELEFAX: 305-764-4996
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-888-497-14

Query Match 2.2%, Score 22; DB 2; Length 22;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 186 GCAAGAGAGCTTCTGAGCTTA 207
DB 1 GCAAGAGAGCTTCTGAGCTTA 22

RESULT 9
US-08-888-497-15/c
; Sequence 15, Application US/08888497
; Patent No. 5972677
; GENERAL INFORMATION:
; APPLICANT: Tischfield, Jay A.
; TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
; TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
; TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide
; TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
; ADDRESSEE: Russell PA
; STREET: 200 East Broward Boulevard
; CITY: Fort Lauderdale
; STATE: FL
; COUNTRY: USA
; ZIP: 33301
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: floppy disk

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;
; TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
; TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide
; TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
; ADDRESSEE: Russell PA
; STREET: 200 East Broward Boulevard
; CITY: Fort Lauderdale
; STATE: FL
; COUNTRY: USA
; ZIP: 33301
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/888,497
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/651,405
; FILING DATE:
; APPLICATION NUMBER: US 08/097,354
; FILING DATE: 26-JUL-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Manso, Peter J.
; REGISTRATION NUMBER: 32,264
; REFERENCE/DOCKET NUMBER: IN21044-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 305-527-2498
; TELEFAX: 305-764-4996
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-888-497-13

Query Match 2.2%, Score 22; DB 2; Length 22;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 151 CTGGCTTGGTCTGCTGCTTA 172
DB 1 CTGGCTTGGTCTGCTGCTTA 22

RESULT 8
US-08-888-497-14
; Sequence 14, Application US/08888497
; Patent No. 5972677
; GENERAL INFORMATION:
; APPLICANT: Tischfield, Jay A.
; TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
; TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
; TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide
; TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
; ADDRESSEE: Russell PA
; STREET: 200 East Broward Boulevard
; CITY: Fort Lauderdale
; STATE: FL
; COUNTRY: USA
; ZIP: 33301
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: floppy disk

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: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: FPM 3.1MF: S
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/651,405
: FILING DATE:
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US/08/651,405
: FILING DATE:
: APPLICATION NUMBER: US 08/097,354
: FILING DATE: 26-JUL-1993
: ATTORNEY/AGENT INFORMATION:
: NAME: Manso, Peter J.
: REGISTRATION NUMBER: 32,264
: REFERENCE/KEYWORD NUMBER: 2821044-5
: TELEPHONE: 305-527-2498
: TELEFAX: 305-764-4996
: INFORMATION FOR SEQ ID NO: 15:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 22 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
: US-08-888-497-15

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Query Match: 2.2% Score 22; DB 2; Length 22;
Best Local Similarity: 100.0%; Pos. Rel. For. 1;
Matches: 22; Conservative: 0; Mismatches: 0; Indels: 0; Gaps: 0;

QY 254 AACGCCCAACGATGCGACCCAT 315
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DB 22 AACGCCCAACGATGCGACCCAT 1

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RESULT 10
US-08-888-497-15
: Sequence 16, Application US/08/651,405
: Patent No. 5972677
: GENERAL INFORMATION:
: APPLICANT: Tischfield, Jay A.
: TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
: TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
: TITLE OF INVENTION: Encoded Theory, Antisense Sequences and Nucleotide
: TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
: NUMBER OF SEQUENCES: 44
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
: ADDRESSEE: Russell PA
: STREET: 200 East Broward Boulevard
: CITY: Fort Lauderdale
: STATE: FL
: COUNTRY: USA
: ZIP: 33301
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/651,405
: FILING DATE:
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US/08/651,405
: FILING DATE:
: APPLICATION NUMBER: US 08/097,354
: FILING DATE: 26-JUL-1993
: ATTORNEY/AGENT INFORMATION:
: NAME: Manso, Peter J.

```

```

: REGISTRATION NUMBER: 32,264
: REFERENCE/KEYWORD NUMBER: 2821044-5
: TELEPHONE: 305-527-2498
: TELEFAX: 305-764-4996
: INFORMATION FOR SEQ ID NO: 16:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 22 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
: US-08-888-497-16

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Query Match: 2.2% Score 22; DB 2; Length 22;
Best Local Similarity: 100.0%; Pos. Rel. For. 1;
Matches: 22; Conservative: 0; Mismatches: 0; Indels: 0; Gaps: 0;

QY 532 ATACTTCCCAACATCTCTCC 543
      |||||
DB 22 ATACTTCCCAACATCTCTCC 1

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RESULT 11
US-09-362-230-13
: Sequence 13, Application US/09/362,230
: Patent No. 6352849
: GENERAL INFORMATION:

```

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: APPLICANT: Tischfield, Jay A.
: TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
: TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
: TITLE OF INVENTION: Encoded Theory, Antisense Sequences and Nucleotide
: TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
: NUMBER OF SEQUENCES: 44
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
: ADDRESSEE: Russell PA
: STREET: 200 East Broward Boulevard
: CITY: Fort Lauderdale
: STATE: FL
: COUNTRY: USA
: ZIP: 33301
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: IBM PC compatible
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/362,230
: FILING DATE:
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 05/888,497
: FILING DATE:
: APPLICATION NUMBER: US 08/097,354
: FILING DATE: 26-JUL-1993
: ATTORNEY/AGENT INFORMATION:
: NAME: Manso, Peter J.
: REGISTRATION NUMBER: 32,264
: REFERENCE/KEYWORD NUMBER: 2821044-5
: TELEPHONE: 305-527-2498
: TELEFAX: 305-764-4996
: INFORMATION FOR SEQ ID NO: 13:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 22 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
: US-09-362-230-13

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Query Match 2.2% Score 22; DB 4; Length 22;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 151 CTGGCTTGCTTCCTGGCTTGTA 172
|||||
DB 1 CTGGCTTGCTTCCTGGCTTGTA 22

RESULT 12
US-09-362-230-14
; Sequence 14, Application US/09362230
; Patent No. 6452849
; GENERAL INFORMATION:
; APPLICANT: Tischfield, Jay A.
; TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
; TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
; TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide
; TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
; ADDRESSEE: Russell PA
; STREET: 200 East Broward Boulevard
; CITY: Fort Lauderdale
; STATE: FL
; COUNTRY: USA
; ZIP: 33301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/362,230
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/888,497
; FILING DATE:
; APPLICATION NUMBER: US 08/097,354
; FILING DATE: 26-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Maus, Peter J.
; REGISTRATION NUMBER: 32,264
; REFERENCE/DOCKET NUMBER: IN21044-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 305-527-2498
; TELEFAX: 305-764-4996
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-09-362-230-15

Query Match 2.2% Score 22; DB 4; Length 22;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 254 AACCCCTAAGGATGGACCGAT 315
|||||
DB 22 AACCCCTAAGGATGGACCGAT 1

RESULT 14
US-09-362-230-16/c
; Sequence 16, Application US/09462230
; Patent No. 6452849
; GENERAL INFORMATION:
; APPLICANT: Tischfield, Jay A.
; TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
; TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
; TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide
; TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
; ADDRESSEE: Russell PA
; STREET: 200 East Broward Boulevard
; CITY: Fort Lauderdale
; STATE: FL
; COUNTRY: USA

Query Match 2.2% Score 22; DB 4; Length 22;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 151 CTGGCTTGCTTCCTGGCTTGTA 172
|||||
DB 1 CTGGCTTGCTTCCTGGCTTGTA 22

RESULT 12
US-09-362-230-14
; Sequence 14, Application US/09362230
; Patent No. 6452849
; GENERAL INFORMATION:
; APPLICANT: Tischfield, Jay A.
; TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
; TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
; TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide
; TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
; ADDRESSEE: Russell PA
; STREET: 200 East Broward Boulevard
; CITY: Fort Lauderdale
; STATE: FL
; COUNTRY: USA
; ZIP: 33301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/362,230
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/888,497
; FILING DATE:
; APPLICATION NUMBER: US 08/097,354
; FILING DATE: 26-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Maus, Peter J.
; REGISTRATION NUMBER: 32,264
; REFERENCE/DOCKET NUMBER: IN21044-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 305-527-2498
; TELEFAX: 305-764-4996
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-09-362-230-14

Query Match 2.2% Score 22; DB 4; Length 22;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 186 GCAAGAGGCTTGCTGGACCTA 207
|||||
DB 1 GCAAGAGGCTTGCTGGACCTA 22

RESULT 14
US-09-362-230-15/c
; Sequence 15, Application US/09462230
; Patent No. 6452849
; GENERAL INFORMATION:
; APPLICANT: Tischfield, Jay A.
; TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
; TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
; TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide
; TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
; ADDRESSEE: Russell PA
; STREET: 200 East Broward Boulevard
; CITY: Fort Lauderdale
; STATE: FL
; COUNTRY: USA

ZIP: 33301
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 08/097,354
FILING DATE: 26-JUL-1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/998,497
FILING DATE:
APPLICATION NUMBER: US 08/097,354
ATTORNEY/AGENT INFORMATION:
NAME: Manso, Peter J.
REGISTRATION NUMBER: 32,264
REFERENCE/DECFET NUMBER: IN21044-5
TELECOMMUNICATION INFORMATION:
TELEPHONE: 305-527-2498
TELEFAX: 305-764-4996
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-462-230-16

Query Match 2.2%, Score 22, DB 4, Length 22;
Best local Similarity 100.0%, Pred. No. 6.5e+02;
Matches 22, Conservative 0, Mismatches 0, Indels 0, Gaps 0;

QV 522 ATACTTCCCAACATCCTCTGC 543
|||||
Db 22 ATACTTCCCAACATCCTCTGC 1

RESULT 15

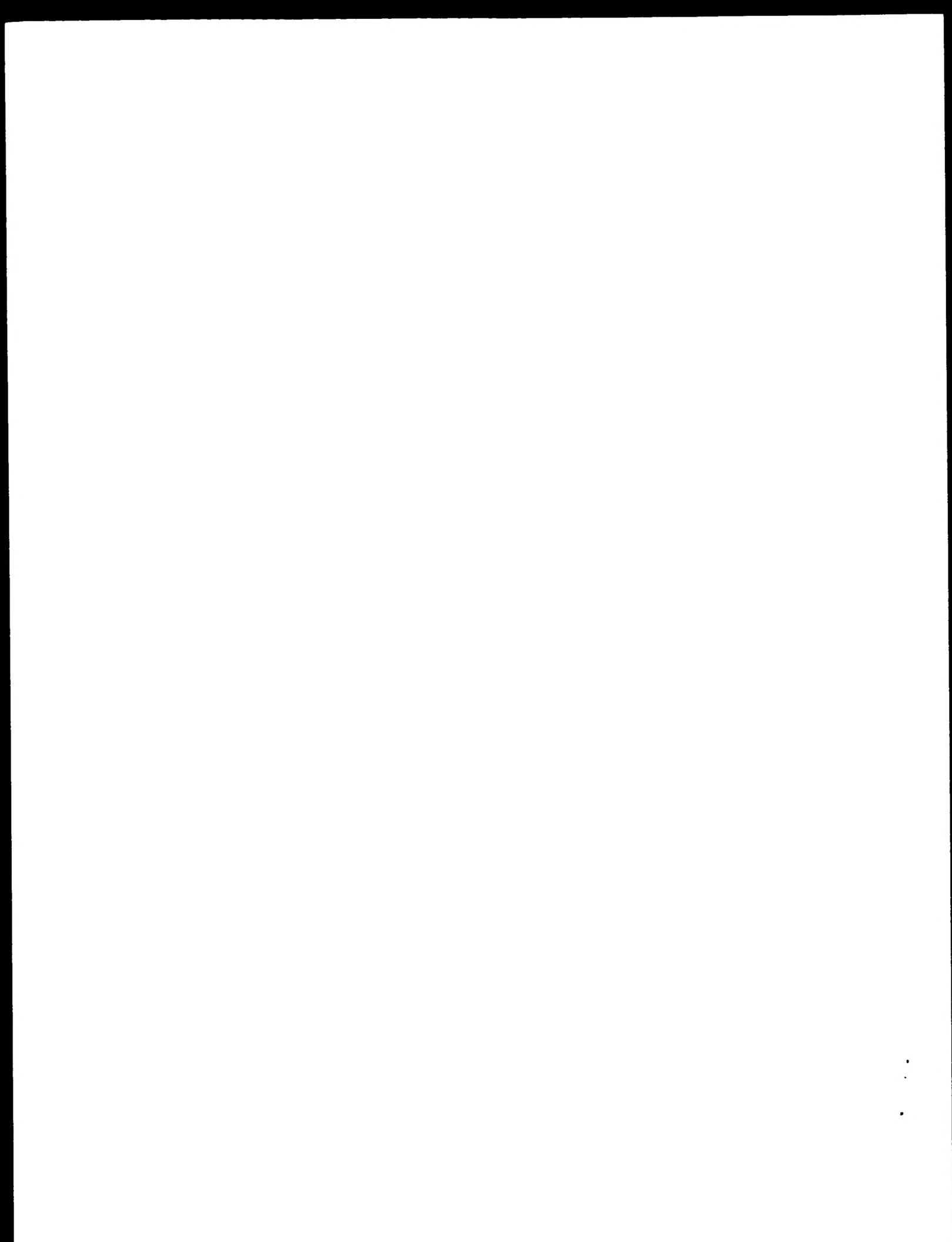
PCI-US94-07926-13
Sequence 13, Application PC/TUS9407926
GENERAL INFORMATION:
APPLICANT: Tischfield, Jeffrey J.
TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Roden, Barnett, McClosky, Smith, Schuster &
ADDRESSEE: Russell PA
STREET: 200 East Broward Boulevard
CITY: Fort Lauderdale
STATE: FL
COUNTRY: USA
ZIP: 33301
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PC/TUS9407926
FILING DATE: 15-JUL-1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/097,354
FILING DATE: 26-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Manso, Peter J.

REGISTRATION NUMBER: 32,264
REFERENCE/DECFET NUMBER: IN21044-5
TELECOMMUNICATION INFORMATION:
TELEPHONE: 305-527-2498
TELEFAX: 305-764-4996
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
PCI-US94-07926-13

Query Match 2.2%, Score 22, DB 5, Length 22;
Best local Similarity 100.0%, Pred. No. 6.5e+02;
Matches 22, Conservative 0, Mismatches 0, Indels 0, Gaps 0;

QV 151 CTGGCTTGGTTCTGCTGCTGTA 172
|||||
Db 1 CTGGCTTGGTTCTGCTGCTGTA 22

Search completed: March 4, 2003, 02:20:32
Job time : 61 secs



us-10-016-149-3.lim50.rnpb

Thu Mar 6 09:58:00 2003

Best Local Similarity 70.4%; Pred. No. 1.4e+04;
Matches 26; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 585 GCTCTGTTTCTACACACAGAGTACTGCTGC 621

Db 46 TTTTCTGTTTCTGACACAGAGAGTACTGCTGC 10

RESULT 2

US-09-968-851-52/c
; Sequence 52, Application US/09968851
; Publication No. US20020193561A1
; GENERAL INFORMATION:
; APPLICANT: BRACCO, LAURENT
; TITLE OF INVENTION: P53 PROTEIN VARIANTS AND THERAPEUTICAL
; USES THEREOF
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FINNEGAN, HENDERSON, FARABOW, GARRETT &
; STREET: 1300 I Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.40
; CURRENT APPLICATION DATA: US/09/968,851
; FILING DATE: 03-Oct-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/983,035
; FILING DATE: 20-Feb-1998
; APPLICATION NUMBER: PFI/9445,0111
; FILING DATE: 17-Jul-1996
; APPLICATION NUMBER: FR 95/08729
; FILING DATE: 19-Jul-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Strauss, William L.
; REGISTRATION NUMBER: 47,114
; REFERENCE/DOCKET NUMBER: 03804 0142
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 48 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 52:

US-09-968-851-52

Query Match 1.9%; Score 19.4; DB 9; Length 48;

Best Local Similarity 64.4%; Pred. No. 1.5e+04;

Matches 29; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

QY 530 GCAACATCTCTGCTTACGCTCCGACGAGCTCTCCAGA 574

Db 45 CTTCTACGCGGATCTCTGCTCCGACGAGCTCTCTCGA 1

RESULT 3

US-09-817-774-12
; Sequence 12, Application US/09817774
; Patent No. US2002012011A1
; GENERAL INFORMATION:

APPLICANT: CHOE, Sundhwa
; APPLICANT: FELDMANN A., Kenneth
; TITLE OF INVENTION: DMF5 MUTANTS
; FILE REFERENCE: 2225-0020 / 41020.002
; CURRENT APPLICATION NUMBER: US/09/817,774
; CURRENT FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: 60/192,202
; PRIOR FILING DATE: 2000-03-27
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 12
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: D5-4 3
US-09-817-774-12

Query Match 1.9%; Score 19; DB 10; Length 44;

Best Local Similarity 81.5%; Pred. No. 1.6e+04;

Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 574 ACCAAGACTTTGTCGCTTTTCTTCTAC 600

Db 7 ACCAAGCTGTTGTCGCTTTTCTTCTAC 34

RESULT 4

US-10-067-790-45
; Sequence 45, Application US/10067790
; Publication No. US20040035807A1
; GENERAL INFORMATION:
; APPLICANT: MCCORMICK, Allison
; APPLICANT: TUSE, Daniel
; APPLICANT: REINH, Stephen
; APPLICANT: LINDRO, John
; APPLICANT: TURPEN, Thomas
; TITLE OF INVENTION: SELF ANTIGEN VACCINES FOR TREATING B CELL LYMPHOMAS AND OTHER
; FILE REFERENCE: 18696-169194
; CURRENT APPLICATION NUMBER: US/10/067,790
; CURRENT FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US/09/522,900
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: US 66/155,579
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: Patent In version 3.0
; SEQ ID NO 45
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: ()..()
; OTHER INFORMATION: linker
US-10-067-790-45

Query Match 1.9%; Score 19; DB 9; Length 49;

Best Local Similarity 71.4%; Pred. No. 1.7e+04;

Matches 25; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 251 ACTACGCTCTACGCTGTTACTGCGGTGGRG 285

Db 1 ACTACTGCTACTGCTGCTACTACTACTGCTGTCG 45

RESULT 5

US-09-766-898-12/c
; Sequence 12, Application US/09766898
; Patent No. US20010016350A1
; GENERAL INFORMATION:
; APPLICANT: Stutzman-Enquwall, Kim I
; APPLICANT: McArthur, Hamish


```

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: PCR primer
-09-804-615-32

Query Match 1.8%; Score 18.6; DB 10; Length 49;
Best Local Similarity 72.7%; Pred. No. 2 3e+04;
Matches 24; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

273 CTGGCGGTGGGGGGGGGCGAGCAAGATTCGAAGGA 305
||||| 111 111 111 111 111 111
38 CTGGCGGTGGCTGGGGCTGAGCGGCGCGCAAGGA 6

RESULT 9
-09-801-274-629
Sequence 629, Application US/09801274
Patent No. US2002032319A1
GENERAL INFORMATION:
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Landet, Eric S.
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: 3p2s 2009-001
CURRENT APPLICATION NUMBER: US 09/801-274
CURRENT FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US 60/187,510
PRIOR FILING DATE: 2000-03-07
PRIOR APPLICATION NUMBER: US 60/206,129
PRIOR FILING DATE: 2000-05-22
NUMBER OF SEQ ID NOS: 1802
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 629
LENGTH: 31
TYPE: DNA
ORGANISM: Homo sapiens
-09-801-274-629

Query Match 1.8%; Score 18.4; DB 10; Length 31;
Best Local Similarity 73.3%; Pred. No. 2.3e+04;
Matches 22; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

y 746 AGGTTGCGAGGGTCCCTAGCGCTGCACATC 775
||||| 111 111 111 111 111 111
b 2 AGGTTGACAGTGCAGCGCTGCACATC 31

RESULT 10
S-09-765-273-259
Sequence 259, Application US/09765272
Patent No. US20020061545A1
GENERAL INFORMATION:
APPLICANT: Choi et. al.
TITLE OF INVENTION: Streptococcus pneumoniae Antigenic and Vaccines
NUMBER OF SEQUENCES: 452
CORRESPONDENCE ADDRESS:
ADDRESSER: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
CITY: Rockville
STATE: Maryland
COUNTRY: USA
ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4MB storage
COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 09/765-273
FILING DATE: 22-Jan-2001
CLASSIFICATION: <Unknown>

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1	PRIOR FILING DATE: 1997-11-21	2	PRIOR APPLICATION NUMBER: 60/081455
3	PRIOR FILING DATE: 1998-04-15	4	PRIOR APPLICATION NUMBER: 60/081838
5	PRIOR FILING DATE: 1998-04-15	6	PRIOR APPLICATION NUMBER: 60/082568
7	PRIOR FILING DATE: 1998-04-21	8	PRIOR APPLICATION NUMBER: 60/082569
9	PRIOR FILING DATE: 1998-04-21	10	PRIOR APPLICATION NUMBER: 60/082704
11	PRIOR FILING DATE: 1998-04-22	12	PRIOR APPLICATION NUMBER: 60/082904
13	PRIOR FILING DATE: 1998-04-22	14	PRIOR APPLICATION NUMBER: 60/082700
15	PRIOR FILING DATE: 1998-04-22	16	PRIOR APPLICATION NUMBER: 60/082727
17	PRIOR FILING DATE: 1998-04-22	18	PRIOR APPLICATION NUMBER: 60/082796
19	PRIOR FILING DATE: 1998-04-23	20	PRIOR APPLICATION NUMBER: 60/083336
21	PRIOR FILING DATE: 1998-04-27	22	PRIOR APPLICATION NUMBER: 60/083322
23	PRIOR FILING DATE: 1998-04-28	24	PRIOR APPLICATION NUMBER: 60/083322
25	PRIOR FILING DATE: 1998-04-29	26	PRIOR APPLICATION NUMBER: 60/083495
27	PRIOR FILING DATE: 1998-04-29	28	PRIOR APPLICATION NUMBER: 60/083496
29	PRIOR FILING DATE: 1998-04-29	30	PRIOR APPLICATION NUMBER: 60/083499
31	PRIOR FILING DATE: 1998-04-29	32	PRIOR APPLICATION NUMBER: 60/083545
33	PRIOR FILING DATE: 1998-04-29	34	PRIOR APPLICATION NUMBER: 60/083554
35	PRIOR FILING DATE: 1998-04-29	36	PRIOR APPLICATION NUMBER: 60/083558
37	PRIOR FILING DATE: 1998-04-29	38	PRIOR APPLICATION NUMBER: 60/083559
39	PRIOR FILING DATE: 1998-04-29	40	PRIOR APPLICATION NUMBER: 60/083500
41	PRIOR FILING DATE: 1998-04-29	42	PRIOR APPLICATION NUMBER: 60/082712
43	PRIOR FILING DATE: 1998-04-30	44	PRIOR APPLICATION NUMBER: 60/084366
45	PRIOR FILING DATE: 1998-05-05	46	PRIOR APPLICATION NUMBER: 60/084414
47	PRIOR FILING DATE: 1998-05-06	48	PRIOR APPLICATION NUMBER: 60/084441
49	PRIOR FILING DATE: 1998-05-06	50	PRIOR APPLICATION NUMBER: 60/084637
51	PRIOR FILING DATE: 1998-05-07	52	PRIOR APPLICATION NUMBER: 60/084639
53	PRIOR FILING DATE: 1998-05-07	54	PRIOR APPLICATION NUMBER: 60/084640
55	PRIOR FILING DATE: 1998-05-07	56	PRIOR APPLICATION NUMBER: 60/084598
57	PRIOR FILING DATE: 1998-05-07	58	PRIOR APPLICATION NUMBER: 60/084643
59	PRIOR FILING DATE: 1998-05-07	60	PRIOR APPLICATION NUMBER: 60/085339
61	PRIOR FILING DATE: 1998-05-13	62	PRIOR APPLICATION NUMBER: 60/085338
63	PRIOR FILING DATE: 1998-05-13	64	PRIOR APPLICATION NUMBER: 60/085323
65	PRIOR FILING DATE: 1998-05-13	66	PRIOR APPLICATION NUMBER: 60/085582
67	PRIOR FILING DATE: 1998-05-15	68	PRIOR APPLICATION NUMBER: 60/085700
69	PRIOR FILING DATE: 1998-05-15	70	PRIOR APPLICATION NUMBER: 60/085689
71	PRIOR FILING DATE: 1998-04-15	72	PRIOR APPLICATION NUMBER: 60/081817
73	PRIOR FILING DATE: 1998-04-15	74	PRIOR APPLICATION NUMBER: 60/081817
75	PRIOR FILING DATE: 1998-04-15	76	PRIOR APPLICATION NUMBER: 60/081817
77	PRIOR FILING DATE: 1998-04-15	78	PRIOR APPLICATION NUMBER: 60/081817
79	PRIOR FILING DATE: 1998-04-15	80	PRIOR APPLICATION NUMBER: 60/081817
81	PRIOR FILING DATE: 1998-04-15	82	PRIOR APPLICATION NUMBER: 60/081817
83	PRIOR FILING DATE: 1998-04-15	84	PRIOR APPLICATION NUMBER: 60/081817
85	PRIOR FILING DATE: 1998-04-15	86	PRIOR APPLICATION NUMBER: 60/081817
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91	PRIOR FILING DATE: 1998-04-15	92	PRIOR APPLICATION NUMBER: 60/081817
93	PRIOR FILING DATE: 1998-04-15	94	PRIOR APPLICATION NUMBER: 60/081817
95	PRIOR FILING DATE: 1998-04-15	96	PRIOR APPLICATION NUMBER: 60/081817
97	PRIOR FILING DATE: 1998-04-15	98	PRIOR APPLICATION NUMBER: 60/081817
99	PRIOR FILING DATE: 1998-04-15	100	PRIOR APPLICATION NUMBER: 60/081817

[illegible]

us-10-016-149-3.lim50.rnpb

Thu Mar 6 09:58:00 2003

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80 PRIOR APPLICATION NUMBER: 60/083322
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83 PRIOR FILING DATE: 1998-04-29
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101 PRIOR FILING DATE: 1998-04-30
102 PRIOR APPLICATION NUMBER: 60/084366
103 PRIOR FILING DATE: 1998-05-05
104 PRIOR APPLICATION NUMBER: 60/084414
105 PRIOR FILING DATE: 1998-05-06
106 PRIOR APPLICATION NUMBER: 60/084441
107 PRIOR FILING DATE: 1998-05-06
108 PRIOR APPLICATION NUMBER: 60/084637
109 PRIOR FILING DATE: 1998-05-07
110 PRIOR APPLICATION NUMBER: 60/084639
111 PRIOR FILING DATE: 1998-05-07
112 PRIOR APPLICATION NUMBER: 60/084640
113 PRIOR FILING DATE: 1998-05-07
114 PRIOR APPLICATION NUMBER: 60/084598
115 PRIOR FILING DATE: 1998-05-07
116 PRIOR APPLICATION NUMBER: 60/084600
117 PRIOR FILING DATE: 1998-05-07
118 PRIOR APPLICATION NUMBER: 60/084627
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122 PRIOR APPLICATION NUMBER: 60/084644
123 PRIOR FILING DATE: 1998-05-13
124 PRIOR APPLICATION NUMBER: 60/085338
125 PRIOR FILING DATE: 1998-05-14
126 PRIOR APPLICATION NUMBER: 60/085323
127 PRIOR FILING DATE: 1998-05-14
128 PRIOR APPLICATION NUMBER: 60/085582
129 PRIOR FILING DATE: 1998-05-15
130 PRIOR APPLICATION NUMBER: 60/085700
131 PRIOR FILING DATE: 1998-05-15
132 PRIOR APPLICATION NUMBER: 60/085689
133 PRIOR FILING DATE: 1998-05-15
134 PRIOR APPLICATION NUMBER: 60/085579
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136 PRIOR APPLICATION NUMBER: 60/085580
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138 PRIOR APPLICATION NUMBER: 60/085574
139 PRIOR FILING DATE: 1998-05-15
140 PRIOR APPLICATION NUMBER: 60/085704
141 PRIOR FILING DATE: 1998-05-15
142 PRIOR APPLICATION NUMBER: 60/085697

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Query Match 1.8%; Score 18.4; DB 9; Length 45;
 Best Local Similarity 69.4%; Prod. No. 2.9e+04;
 Matches 25; Causervative 0; Mismatches 11; Indels 0; Gaps 0;

2 PRIOR FILING DATE: 1998-04-28
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 2 PRIOR APPLICATION NUMBER: 60/083495
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 2 PRIOR APPLICATION NUMBER: 60/083496
 2 PRIOR FILING DATE: 1998-04-29
 2 PRIOR APPLICATION NUMBER: 60/083499
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 2 PRIOR FILING DATE: 1998-04-29
 2 PRIOR APPLICATION NUMBER: 60/083742
 2 PRIOR FILING DATE: 1998-04-30
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 2 PRIOR FILING DATE: 1998-05-05
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 2 PRIOR FILING DATE: 1998-05-15
 2 PRIOR APPLICATION NUMBER: 60/085573
 2 PRIOR FILING DATE: 1998-05-15
 2 PRIOR APPLICATION NUMBER: 60/085704
 2 PRIOR FILING DATE: 1998-05-15
 2 PRIOR APPLICATION NUMBER: 60/085687

Query Match 1.8%; Score 18.4; DB 9; Length 45;

Best local similarity 69.4%; Fred. No. 2.9e+04;

Matches 25; Conservative 0; Mismatches 11; Indels 0; Gaps 0.

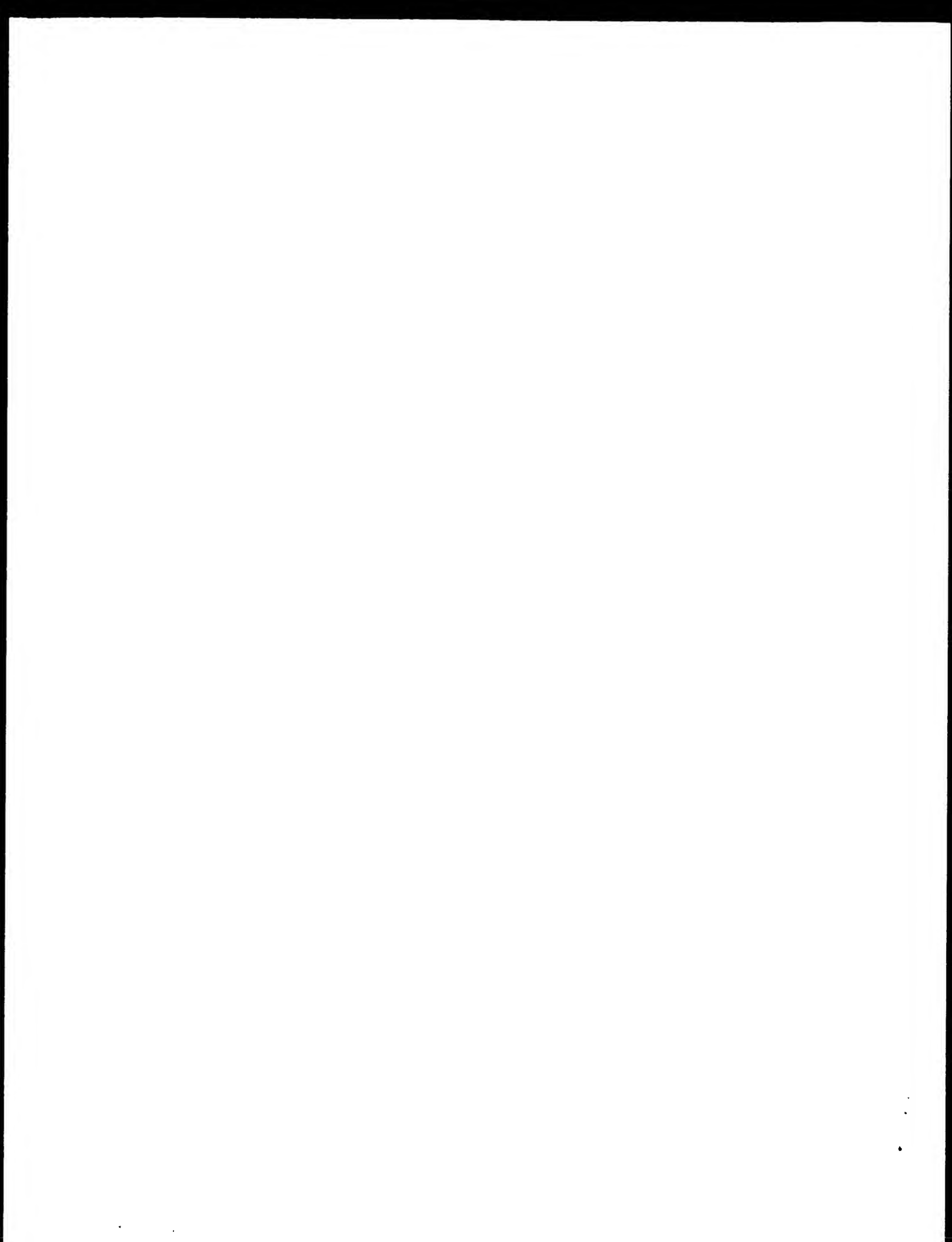
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DB 1 GAGCTTAAATCAATGATGACAGAGGACAGGAGAA 36

RESULT 15

US-09-978-189-43
 Sequence 43, Application US/09/978189
 Publication No. 602034004102A1
 GENERAL INFORMATION:
 2 APPLICANT: Ashkenazi, Avi
 2 APPLICANT: Baker Kevin P.
 2 APPLICANT: Bolstein, David
 2 APPLICANT: Desnoyers, Luc
 2 APPLICANT: Eaton, Dan
 2 APPLICANT: Ferrara, Napoleon
 2 APPLICANT: Filvaroff, Ellen
 2 APPLICANT: Fong, Sherman
 2 APPLICANT: Gao, Wei-Qiang
 2 APPLICANT: Gerber, Hanspeter
 2 APPLICANT: Gerltsen, Mary E.
 2 APPLICANT: Goddard, Audrey
 2 APPLICANT: Godowski, Paul J.
 2 APPLICANT: Grimaldi, J. Christopher
 2 APPLICANT: Gurley, Austin L.
 2 APPLICANT: Hillan, Kenneth J.
 2 APPLICANT: Kljavin, Ivar J.
 2 APPLICANT: Kuo, Sophia S.
 2 APPLICANT: Napier, Mary A.
 2 APPLICANT: Pan, James
 2 APPLICANT: Paoni, Nicholas F.
 2 APPLICANT: Roy, Margaret Ann
 2 APPLICANT: Shelton, David L.
 2 APPLICANT: Stewart, Timothy A.
 2 APPLICANT: Tumas, Daniel
 2 APPLICANT: Williams, P. Mirkey
 2 APPLICANT: Wood, William L.
 2 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 2 FILE REFERENCE: P2630F1C7
 2 CURRENT APPLICATION NUMBER: US/09/978.189
 2 CURRENT FILING DATE: 2001-10-15
 2 PRIOR APPLICATION NUMBER: 60/018585
 2 PRIOR FILING DATE: 2001-07-30
 2 PRIOR APPLICATION NUMBER: 60/062250
 2 PRIOR FILING DATE: 1997-10-17
 2 PRIOR APPLICATION NUMBER: 60/064249
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 2 PRIOR APPLICATION NUMBER: 60/079664
 2 PRIOR FILING DATE: 1998-03-27
 2 PRIOR APPLICATION NUMBER: 60/079689



CarCore version 3.1.1 (05-1570)
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OM nucleic - nucleic search, using sw model

Run on: March 4, 2003, 00:50:23; Search time: 1741 seconds

Title: US-10-016-149-3

Perfect score: 1016

Sequence: 1 atggataccaaatgttgcga...

Scoring table: IDENTITY_NUC

Gapop 10.0, Gapext 1.0

Searched: 16154066 sws, 8047743376 residues

Total number of hits satisfying chosen parameters: 102860

Minimum DB seq length: 0

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database: EST.*

- 1: em_estba:*
- 2: em_esthu:*
- 3: em_estin:*
- 4: em_estm:*
- 5: em_estov:*
- 6: em_estpl:*
- 7: em_estfo:*
- 8: em_hic:*
- 9: gb_est1:*
- 10: gb_est2:*
- 11: gb_hic:*
- 12: gb_est3:*
- 13: gb_est4:*
- 14: gb_est5:*
- 15: em_estfun:*
- 16: em_estom:*
- 17: gb_gss:*
- 18: em_gss_hum:*
- 19: em_gss_inv:*
- 20: em_gss_pin:*
- 21: em_gss_vrt:*
- 22: em_gss_fun:*
- 23: em_gss_mam:*
- 24: em_gss_mus:*
- 25: em_gss_other:*
- 26: em_gss_pro:*
- 27: em_gss_red:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	21	2/1	50	AU102562	AU102562 AU102562
2	20.5	2/0	37	EU27442	EU27442 EU27442
3	20.0	2/0	45	U00040	U00040 U00040
4	20.2	2/0	50	AU107366	AU107366 AU107366
5	20	2/0	49	AA011834	AA011834 AA011834
6	20	2/0	49	AA101215	AA101215 AA101215

7	19.8	1/9	46	9	AI744303	AI744303 tr09a12.x
8	19.4	1/9	50	9	AI744303	AI744303 tr09a12.x
9	19.4	1/9	50	9	AI744303	AI744303 tr09a12.x
10	19.4	1/9	50	9	AI744303	AI744303 tr09a12.x
11	19.4	1/9	50	9	AI744303	AI744303 tr09a12.x
12	19.4	1/9	50	9	AI744303	AI744303 tr09a12.x
13	19.4	1/9	50	9	AI744303	AI744303 tr09a12.x
14	19.4	1/9	50	9	AI744303	AI744303 tr09a12.x
15	19.2	1/9	45	14	CO0115	CO0115 HUM5000574
16	19.2	1/9	46	5	AA22451	AA22451 G83502.r
17	19.2	1/9	50	9	AI708455	AI708455 as97e05.x
18	19.2	1/9	50	9	AI708455	AI708455 as97e05.x
19	19	1/9	50	9	AA448106	AA448106 ON51a04.s
20	19	1/9	50	9	AU105236	AU105236 AU105236
21	19	1/9	50	9	AU107549	AU107549 AU107549
22	18.8	1/9	39	13	B033141	B033141 B033141
23	18.8	1/9	39	13	B033141	B033141 B033141
24	18.8	1/9	46	14	H71330	H71330 YU5508.S1
25	18.8	1/9	50	9	AU104608	AU104608 AU104608
26	18.8	1/9	50	9	AU104608	AU104608 AU104608
27	18.5	1/8	48	13	B1154032	B1154032 B033141
28	18.5	1/8	44	14	CO00944	CO00944 YU5508.S1
29	18.6	1/8	50	9	AU103931	AU103931 AU103931
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31	18.6	1/8	50	9	AU106909	AU106909 AU106909
32	18.4	1/8	47	17	A2490099	A2490099 183322F22
33	18.4	1/8	50	9	AU105508	AU105508 AU105508
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35	18.4	1/8	50	9	AU107355	AU107355 AU107355
36	18.4	1/8	50	9	AU107371	AU107371 AU107371
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38	18.2	1/8	34	10	AV833338	AV833338 AV833338
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ALIGNMENTS

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 COL09872, mRNA sequence.
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 SOURCE human.
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 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
 REFERENCE 1 (bases 1 to 50)
 AUTHORS Suzuki, Y., Taira, H., Tsunoda, T., Mizushima-Sugano, J., Sese, J., Hata, H., Oka, I., Isogai, I., Tanaka, F., Morishita, S., Okubo, K., Sakaki, Y., Nakamura, Y., Sugama, A. and Sugano, S.
 TITLE Diverse transcriptional initiation revealed by fine, large-scale mapping of mRNA start sites
 JOURNAL EMBO Rep. 2 (5), 388-392 (2001)
 MEDLINE 21270073
 COMMENT Contact: Yutaka Suzuki
 Department of Virology
 Institute of Medical Sciences, University of Tokyo
 4-6-1, Shirokanedai, Minato-ku, Tokyo 108 8639, Japan
 Email: yusuzuki@ims.u-tokyo.ac.jp
 Suzuki, Y., Yoshitomo, Nakagawa, K., Haruyama, K., Sugama, A. and Sugano, S.
 75. Construction and characterization of a full length-enriched and a 5'-end-enriched cDNA library from 200 (1-2), 144-156 (1997).

FEATURES

